



/Bradley-Essegian

623.570.3752

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BRADLEY ESSEGIAN

Software Engineer

18357 W Paradise Ln

Surprise, AZ 85388

OBJECTIVE

To begin my SWE journey and become a part of a dynamic team of diverse individuals providing superior products and software in the computer technology field.

SKILLS

Java

C/C++

Python

PHP/Javascript/ReactJS

MongoDB/MySQL

RESTful APIs

Docker

Agile Development

Qt Development Framework

Technical & Non-technical communication skills

Intermediate business acumen

Microsoft Office 365 / Excel

FREELANCE

Discord Bot Developer

2022-Present

Developed & currently maintain a Discord bot in Python for a community gaming server

Minecraft Plugin Developer

2015-2022

Developed & maintained custom Minecraft plugins in Java for server owners to enhance gameplay for over 10,000+ players

REFERENCES

Michala Navratil

Owner, Party Planet
(623) 824-4738

Harlan Mitchell

Systems Engineering Manager
Northrop Grumman
harlan.mitchell@ngc.com

EDUCATION & PROJECTS

2020-2024

Northern Arizona University

Flagstaff, AZ

Bachelor of Science - Applied Computer Science

3.1+ GPA

2023-2024

Northrop Grumman @ NAU

Flagstaff, AZ (Remote)

Software Engineer (Capstone Experience)

- Worked closely with clients from Northrop Grumman to create a cross-platform desktop application for their customers and engineers to utilize for diagnosing a variety of their products in a team of 4
- Effectively established RS422 serial communication between two physical devices to send and receive diagnostic information
- Utilized the Qt Development Framework to construct the user interface that neatly displays this information graphically
- Tested the software to ensure that the requirements have been fulfilled: unit testing, integration testing, and usability testing

2021-2022

Northern Arizona University

Flagstaff, AZ

Software Engineering Course - www.legacy.r8r.world

- Designed and constructed a social media based web application in a team of 4 over the course of a semester (front-end)
- Wrote unit tests from scratch to validate the functionality of the application in vanilla Javascript
- Deployed the application to a linux production server running Apache2 that mirrors the production branch on Github via a PHP script

2022-2022

Northern Arizona University

Flagstaff, AZ

Operating Systems Course

- Designed and constructed an operating system simulator written in C utilizing thread synchronization, resource allocation, and scheduling algorithms to execute simulated processes
- Wrote the entire codebase from scratch as to avoid using ANY external libraries
- Individual educational project focused on dynamic memory management, thread safety, data structures, debugging (valgrind), and more
- Iterative design process over the course of a semester in four phases

WORK EXPERIENCE

2018-Current

Party Planet, LLC

Surprise, AZ

Manager

- Oversee and manage a team of 9-12 employees, including assistant managers and associates
- Work with the owners to manage product pricing, design, and transactions to increase profits and expand the business' market based on demand
- Train new employees in all departments
- Maintain overall customer satisfaction and local business outreach